

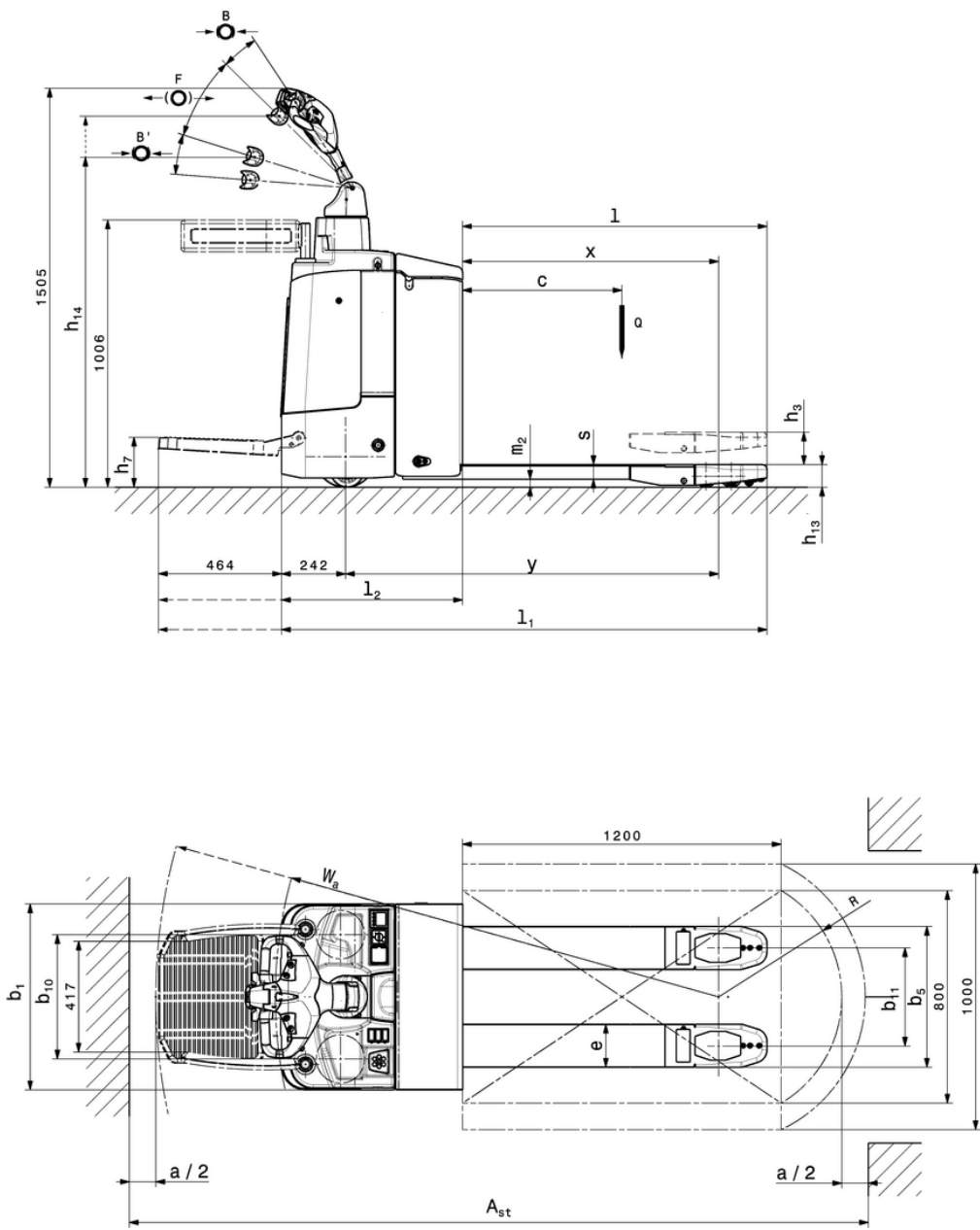


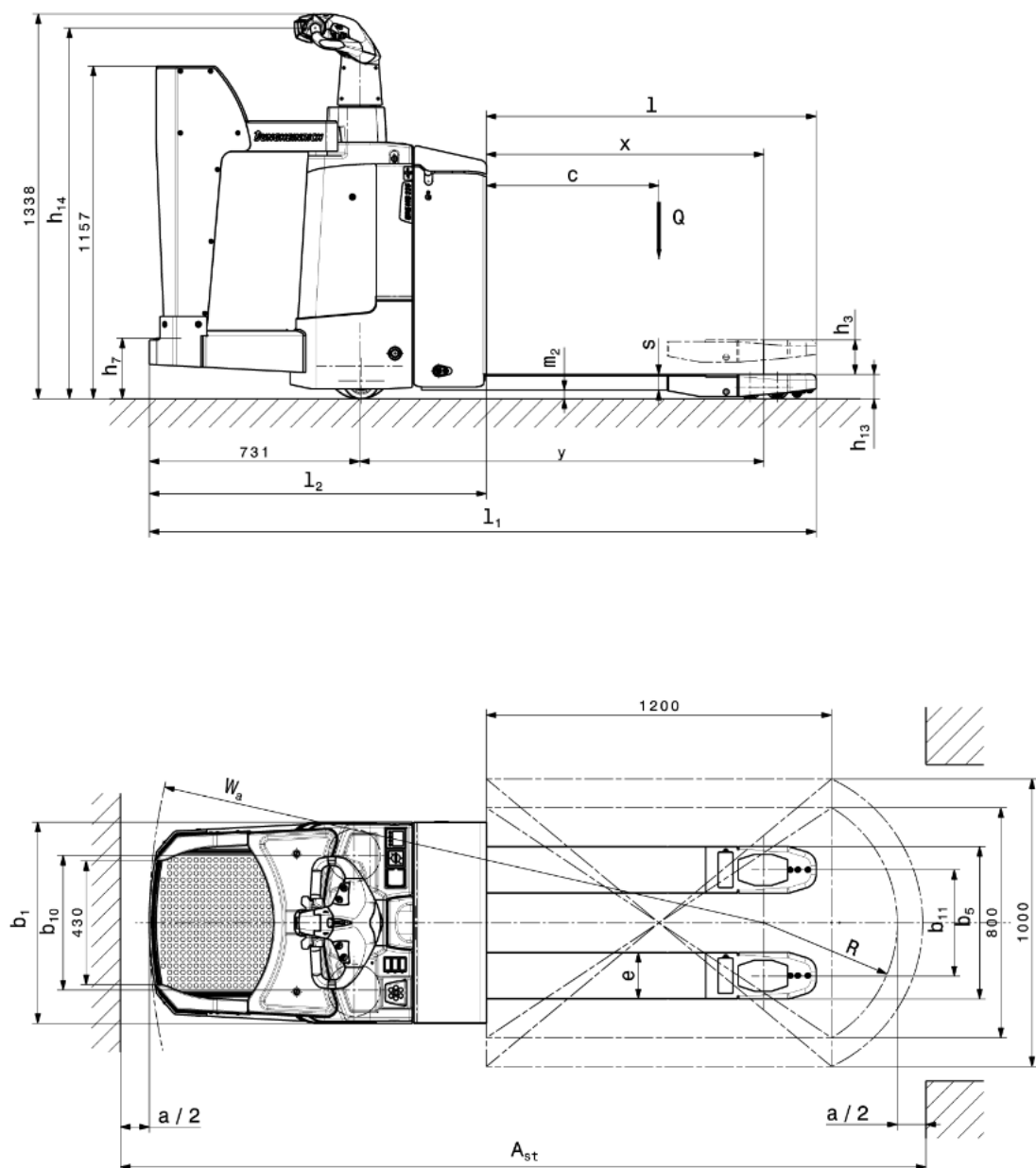
## **Electric ride-on/pedestrian pallet truck**

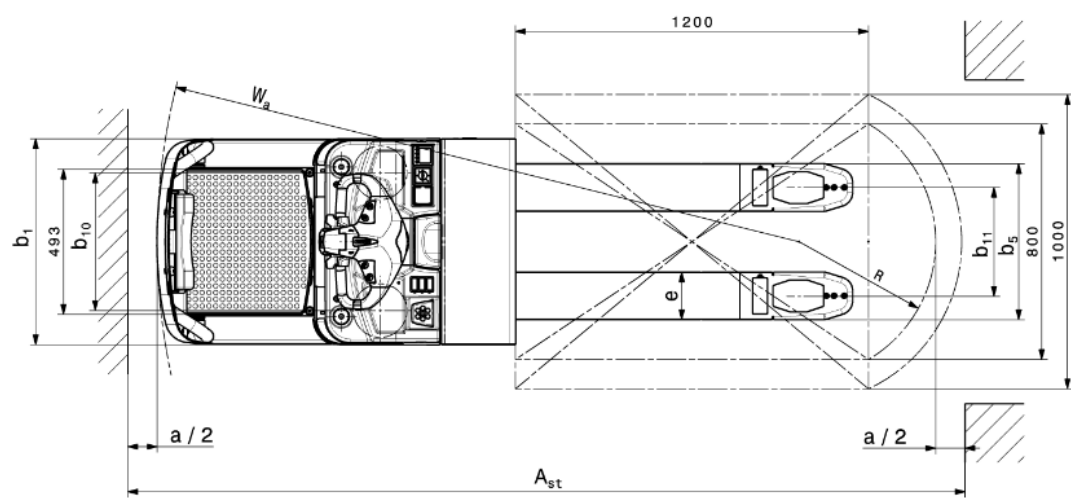
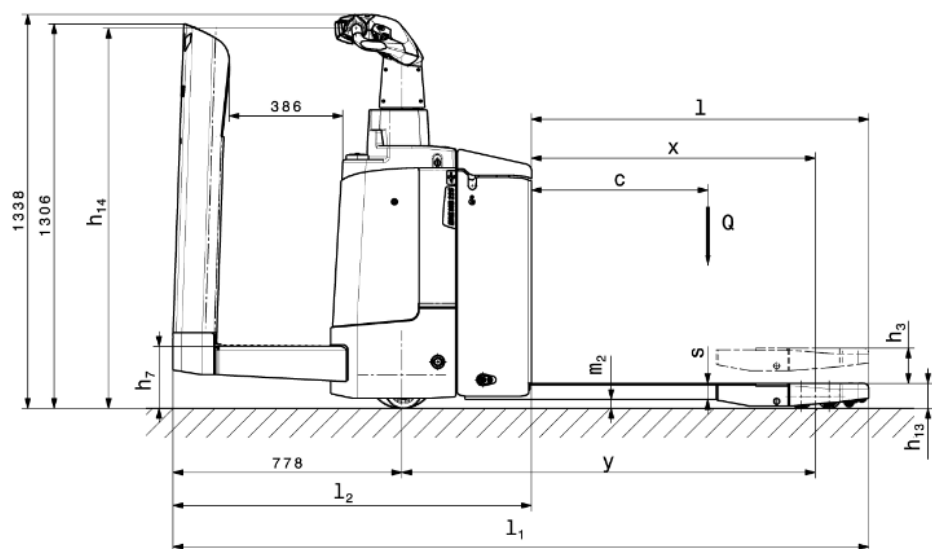
### **ERE MB 220 / 225**

Lift height: 122 mm / Load capacity: 2000-2500 kg

ERE MB 220 / 225







## VDI table

|                          |        |                                                     |       |        |                        |         |
|--------------------------|--------|-----------------------------------------------------|-------|--------|------------------------|---------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |       |        | Jungheinrich           |         |
|                          | 1.3    | Drive                                               |       |        | Electric               |         |
|                          | 1.4    | Operation                                           |       |        | Stand-on/pedestrian    |         |
|                          | 1.5    | Load capacity/load                                  | Q     | kg     | 2000                   | 2500    |
|                          | 1.6    | Load centre distance                                | c     | mm     | 600                    |         |
|                          | 1.8    | Load distance, centre of drive axle to fork         | x     | mm     | 910                    |         |
|                          | 1.9    | Wheelbase                                           | y     | mm     | 1405                   |         |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      |       | kg     | 817                    |         |
|                          | 2.2    | Axle load laden front/rear                          |       | kg     | 1173 / 2147            |         |
|                          | 2.3    | Axle load unladen front/rear                        |       | kg     | 675 / 142              |         |
| Wheels/suspension system | 3.1    | Tyres                                               |       |        | Polyurethane (PU)      |         |
|                          | 3.2    | Tyre size, front                                    |       |        | Ø 230 x 70             |         |
|                          | 3.3    | Tyre size, rear                                     |       |        | Ø 85 x 100 / Ø 82 x 70 |         |
|                          | 3.4    | Additional wheels                                   |       |        | Ø 125 x 54             |         |
|                          | 3.5    | Wheels, number front/back (x=driven)                |       |        | 1x+2/ 2 or 4           |         |
|                          | 3.6    | Tread width, front                                  | b10   | mm     | 464                    |         |
|                          | 3.7    | Tread width, rear                                   | b11   | mm     | 368                    |         |
| Basic dimensions         | 4.4    | Lift (h3)                                           | h3    | mm     | 122                    |         |
|                          | 4.9    | Height of tiller handle in drive position min./max. | h14   | mm     | 1240 / 1400            |         |
|                          | 4.15   | Height, lowered                                     | h13   | mm     | 85                     |         |
|                          | 4.19   | total length                                        | l1    | mm     | 1832                   |         |
|                          | 4.20   | Length including fork shank                         | l2    | mm     | 682                    |         |
|                          | 4.21.1 | total width                                         | b1    | mm     | 700                    |         |
|                          | 4.22   | Fork dimensions                                     | s/e/l | mm     | 55 x 162 x 1150        |         |
|                          | 4.25   | Width across forks                                  | b5    | mm     | 530                    |         |
|                          | 4.32   | Ground clearance centre of wheelbase                | m2    | mm     | 30                     |         |
|                          | 4.34.1 | Aisle width (pallet 1000×1200 sideways)             | Ast   | mm     | 2476                   |         |
|                          | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast   | mm     | 2364                   |         |
| Performance data         | 5.1    | Travel speed laden/unladen                          |       | km/h   | 8.5 / 8.5              | 8 / 8.5 |
|                          | 5.2    | Lift speed laden/unladen                            |       | m/s    | 0.05 / 0.07            |         |
|                          | 5.3    | Lowering speed laden/unladen                        |       | m/s    | 0.06 / 0.05            |         |
|                          | 5.7    | Gradeability laden/unladen                          |       | %      | 8 / 16                 |         |
|                          | 5.10   | Service brake                                       |       |        | generative             |         |
| E-motor/Electronics      | 6.1    | Drive motor, performance S2 60 min                  |       | kW     | 1.6                    |         |
|                          | 6.2    | Lift motor, performance with S3                     |       | kW     | 2.2                    |         |
|                          | 6.3    | Battery according to DIN 43531/35/36                |       |        | B                      |         |
|                          | 6.4    | Battery voltage/nominal capacity                    |       | V / Ah | 24 / 250               |         |
|                          | 6.5    | Battery weight                                      |       | kg     | 212                    |         |
|                          | 6.6.1  | Energy consumption according to EN cycle            |       | kWh/h  | 0.61                   |         |
|                          | 6.6.2  | CO2 equivalent according to EN ISO 23308            |       | kg/h0  | 0.3                    |         |
|                          | 6.7    | Throughput                                          |       | t/h    | 105                    | 131     |

|                                                                                                                                                                                                   |      |                                           |        |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------|--------|----|
| Other                                                                                                                                                                                             | 8.1  | Type of drive control                     |        | AC |
|                                                                                                                                                                                                   | 10.7 | Sound pressure level according to EN12053 | dB (A) | 69 |
| - This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values. |      |                                           |        |    |

- VDI no. 1.8: 1.9: 4.34.1: 4.34.2: 4.35: Load section lowered: +55mm
- VDI no. 1.9: 4.19: 4.20: 4.34.1: 4.34.2: 4.35: Battery compartment L (375 Ah): +71mm
- VDI no. 4.34.1: Ast for intrusive stacking (empty pallet place): -366mm
- VDI no. 4.34.2: Ast for intrusive stacking (empty pallet place): -204mm
- VDI no. 4.19 for rear entry: 2319mm, for L shape: 2365 mm
- VDI no. 4.20 for rear entry: 1172mm, for L shape: 1218 mm
- VDI no. 4.34.1 for rear entry: 2942 mm, for L shape: 2988 mm
- VDI no. 4.34.2 for rear entry: 2830 mm, for L shape: 2876 mm
- VDI no. 4.35 for rear entry: 2136 mm, for L shape: 2182 mm

The German production facilities in  
Norderstedt, Moosburg and Landsberg are  
certified as well as our Genuine Parts  
Center in Kaltenkirchen.

ISO 9001  
ISO 14001

 **JUNGHEINRICH**